

11/13/00

JC966 U.S. PTO

Please type a plus sign (+) inside this box → ☐PTO/SB/05 (1/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 3526.4US (97-1136.4)

First Inventor or Application Identifier Kei-Yu Ko

Title ETCHANT WITH SELECTIVITY FOR DOPED SILICON DIOXIDE OVER UNDOPED SILICON DIOXIDE AND SILICON NITRIDE, PROCESSES WHICH EMPLOY THE ETCHANT, AND STRUCTURES FORMED THEREBY

Express Mail Label No. EL500248516US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
4. Oath or Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered to be part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- \* Small Entity ☐ Statement filed in prior application,  
14. ☐ Statement(s) ☐ Status still proper and desired  
(PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: .....

\* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

**17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:**☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. 09 / 625,144

Prior application information: Examiner Unknown

Group / Art Unit: 1765

**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Bridget G. Power

Registration No. (Attorney/Agent)

38,581

Signature

Bridget G. Power

Date

11/13/2000

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1034.00)

## Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | Not yet assigned     |
| Filing Date          | November 13, 2000    |
| First Named Inventor | Kei-Yu Ko            |
| Examiner Name        | Unknown              |
| Group / Art Unit     | Unknown              |
| Attorney Docket No.  | 3526.4US (97-1136.4) |

PTO  
09/11/324  
11/13/00

|   |   |
|---|---|
| <b>METHOD OF PAYMENT</b> (check one)  | <b>FEE CALCULATION</b> (continued)  |
| 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:<br><br>Deposit Account Number: 20-1469<br><br>Deposit Account Name: Trask Britt<br><br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17   | 3. <b>ADDITIONAL FEES</b><br>Large Entity Small Entity<br>Fee Fee Fee Fee<br>Code (\$) Code (\$) Fee Description Fee Paid   |
| 2. <input checked="" type="checkbox"/> Payment Enclosed:<br><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other   | 105 130 205 65 Surcharge - late filing fee or oath<br>127 50 227 25 Surcharge - late provisional filing fee or cover sheet.<br>139 130 139 130 Non-English specification<br>147 2,520 147 2,520 For filing a request for reexamination<br>112 920* 112 920* Requesting publication of SIR prior to Examiner action<br>113 1,840* 113 1,840* Requesting publication of SIR after Examiner action<br>115 110 215 55 Extension for reply within first month<br>116 380 216 190 Extension for reply within second month<br>117 870 217 435 Extension for reply within third month<br>118 1,360 218 680 Extension for reply within fourth month<br>128 1,850 228 925 Extension for reply within fifth month<br>119 300 219 150 Notice of Appeal<br>120 300 220 150 Filing a brief in support of an appeal<br>121 260 221 130 Request for oral hearing<br>138 1,510 138 1,510 Petition to institute a public use proceeding<br>140 110 240 55 Petition to revive - unavoidable<br>141 1,210 241 605 Petition to revive - unintentional<br>142 1,210 242 605 Utility issue fee (or reissue)<br>143 430 243 215 Design issue fee<br>144 580 244 290 Plant issue fee<br>122 130 122 130 Petitions to the Commissioner<br>123 50 123 50 Petitions related to provisional applications<br>126 240 126 240 Submission of Information Disclosure Stmt<br>581 40 581 40 Recording each patent assignment per property (times number of properties)<br>146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))<br>149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b))<br>Other fee (specify) _____<br>Other fee (specify) _____ |
| <b>1. BASIC FILING FEE</b><br>Large Entity Small Entity<br>Fee Fee Fee Fee<br>Code (\$) Code (\$) Fee Description Fee Paid<br>101 690 201 345 Utility filing fee 710<br>106 310 206 155 Design filing fee<br>107 480 207 240 Plant filing fee<br>108 690 208 345 Reissue filing fee<br>114 150 214 75 Provisional filing fee<br>SUBTOTAL (1) (\$) 710.00  |   |
| <b>2. EXTRA CLAIM FEES</b><br>Total Claims 38 -20** = 18 x Fee from below 18 = 324<br>Independent Claims 2 -3** = 0 x 80 = 0<br>Multiple Dependent 0 = 0<br>**or number previously paid, if greater; For Reissues, see below<br>Large Entity Small Entity<br>Fee Fee Fee Fee<br>Code (\$) Code (\$) Fee Description<br>103 18 203 9 Claims in excess of 20<br>102 78 202 39 Independent claims in excess of 3<br>104 260 204 130 Multiple dependent claim, if not paid<br>109 78 209 39 ** Reissue independent claims over original patent<br>110 18 210 9 ** Reissue claims in excess of 20 and over original patent<br>SUBTOTAL (2) (\$) 324.00 |   |
|   | Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) _____  |

|                     |                       |                                   |                |
|---------------------|-----------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                       | <b>Complete (if applicable)</b>   |                |
| Name (Print/Type)   | Brick G. Power        | Registration No. (Attorney/Agent) | 38,581         |
| Signature           | <i>Brick G. Power</i> | Telephone                         | (801) 532-1922 |
|                     |                       | Date                              | 11/13/2000     |

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